



# Jefferson Lab Alignment Group

## Data Transmittal

**TO:** K. Mahoney, J.Grames, M. Spata

**DATE:** 15 Aug 2007

**FROM:** Chris Gould

**Checked:** JCD

**# :** L1125

**DETAILS:**

Data: Step2B\INJ\070809a

Below are the results of the recent as-found survey of apertures A3 and A4. The previous locations from 15 June, 2006 is also shown for comparison. The coordinate system is based on beam following with +X to the beam left and +Y is up. A + Yaw is CCW viewed from above and a +Pitch is CW viewed from the beam right. Values are in millimeters and degrees. Based on the accuracy of the survey estimated to be around 0.1mm, there has been no significant movement.

<b>Location</b>		<b>X</b>	<b>Y</b>	<b>Yaw</b>	<b>Pitch</b>
IFY01A3	Present loc.	0.6	0.1	0.95°	-0.77°
	Previous loc.	0.7	0.1	0.87°	-0.77°
IFY01A4	Present loc.	0.3	-0.4	0.31°	-0.32°
	Previous loc.	0.3	-0.5	0.22°	-0.37°